

Title (en)
Non-volatile memory with partial deletion

Title (de)
Nicht flüchtiger Speicher mit partieller Löschung

Title (fr)
Mémoire non volatile à effacement partiel

Publication
EP 1988549 B1 20101027 (FR)

Application
EP 08007686 A 20080421

Priority
• FR 0703154 A 20070502
• FR 0703153 A 20070502
• FR 0703152 A 20070502

Abstract (en)
[origin: EP1988549A1] The method involves reading an initial data assembly in a source location in a main or auxiliary memory zone, and inserting the data in the assembly to obtain an updated data assembly. A group of auxiliary locations formed by an unavailable sector and a group of target locations formed by an erase address map table are partially erased. The updated assembly and a target location address are written in an erased auxiliary location of another group of auxiliary locations formed by current sector such that the locations of the former group of auxiliary and target locations are completely erased. An independent claim is also included for a non volatile memory comprising a main memory zone.

IPC 8 full level
G11C 16/22 (2006.01)

CPC (source: EP US)
G11C 16/102 (2013.01 - EP US); **G11C 16/225** (2013.01 - EP US)

Cited by
EP3176789A1; US10176876B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1988549 A1 20081105; EP 1988549 B1 20101027; DE 602008002277 D1 20101007; DE 602008002278 D1 20101007;
DE 602008003150 D1 20101209; EP 1988548 A1 20081105; EP 1988548 B1 20100825; EP 1988550 A1 20081105; EP 1988550 B1 20100825;
US 2008273400 A1 20081106; US 2008301356 A1 20081204; US 2008301357 A1 20081204; US 7791953 B2 20100907;
US 8050106 B2 20111101; US 8050107 B2 20111101

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EP 08007686 A 20080421; DE 602008002277 T 20080421; DE 602008002278 T 20080421; DE 602008003150 T 20080421;
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